Space for Lab Letter Head

**Radionuclides**

*Analysis Report*

|  |  |
| --- | --- |
| Date Collected: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_ | System Group Type: *(Circle one.)* A B Other: |
| Water System ID Number: \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ | System Name: |
| Lab Number/Sample Number: \_\_\_ \_\_\_ \_\_\_/\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ | County: |
| Sample Location | Source Number(s) *(List all sources if blended or composited.)* |
| Sample Purpose *(check appropriate box)*  ⃣ RC—Routine/Compliance *(Satisfies monitoring requirements.)*  ⃣ C—Confirmation *(Confirmation of chemical result.)*\*  ⃣ I—Investigative *(Does not satisfy monitoring requirements.)*  ⃣ O—Other *(Specify—does not satisfy monitoring requirements.)* | Date Received: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_  Date Analyzed: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_  Date Reported: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  COMMENTS: |
| Sample Composition *(Check appropriate box.)*  ⃣ S—Single Source  ⃣ B—Blended *(List source numbers in “Source Numbers” field.)*  ⃣ C—Composite *(List source numbers in “Source Numbers” field.)*  ⃣ D—Distribution Sample | Sample Type *(Check one.)* ⃣ Pre-treatment/Untreated (Raw)  ⃣ Post-treatment (Finished)  ⃣ Unknown or Other  Sample Collected by: *(name)* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Send Report to:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Bill to: *(Client name.)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Analytical Results**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DOH #** | **Contaminants** | **Data Qualifier** | **Results** | **Uncert +/-** | **Lab MDA** | **SDRL** | **MCL** | **Units** | **Date Analyzed** | **Method / Initials** |
| 0165 | Gross alpha |  |  |  |  | 3 | -- | pCi/L |  |  |
| 0166 | Radium 228 |  |  |  |  | 1 | -- | pCi/L |  |  |
| 0039 | Radium 226 |  |  |  |  | 1 | -- | pCi/L |  |  |
| 0105 | Uranium(mass) |  |  |  |  | 1 | 30 | µg/L |  |  |
| 0040 | Radium 226 + 228 |  |  |  |  | -- | 5 | pCi/L |  |  |
| 0041 | Gross alpha minus uranium |  |  |  |  | -- | 15 | pCi/L |  |  |
| 0109 | Radon |  |  |  |  | -- | -- | pCi/L |  |  |

**NOTES**

**\*Confirmation:** Include the original lab number, sample number, and collection date of original sample in either comment section.

**--**No existing value

**Data Qualifier:** A symbol or letter to denote additional information about the result.

**DOH#:** Department assigned contaminant number.

**MCL (Maximum Contaminant Level):** Highlight the result if the contaminant amount is equal to or greater than the MCL under chapter 246-290 WAC. If you have questions about this result, please contact the department’s drinking water regional office in your area.

**MDA:** The minimum detectable amount or smallest activity or concentration of radioactive material in a sample that will yield a net count (above sample background) that can be detected with ninety-five percent probability. **The MDA must be equal to or less than the SDRL for the results to be accepted by the department.**

**Method/Initials:** Analytical method used/Initials of the analyst that performed the analysis

**pCi/L:** picocuries per liter (a measure of radioactivity).

**SDRL (State Detection Reporting Limit):** The minimum reportable detection of a contaminant as established by the department.

**µg/L:** micrograms per liters or parts per billion.

**UNCERT +/-:** The total amount of analytical uncertainty associated with the sample analysis.

**LAB COMMENTS**